



ecology and environment, inc.

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International Specialists in the Environment

HW 739

MEMORANDUM

DATE: September 9, 1987

TO: John Osborn, FIT-RPO, USEPA, Region X
THRU: ^{fr} David Buecker, FIT-OM, E&E, Seattle ^{YAT}
FROM: Jeffrey Whidden, FIT-PM, E&E, Seattle ^{JW}
SUBJ: Proposed Field Operations
Work Plan Elements
Monsanto Chemical Company
Soda Springs, Idaho
REF: TDD F10-8702-06
CC: William Glasser, HWD-SM, USEPA, Region X
Thomas Tobin, E&E, Seattle

Per my discussion with William Glasser, Marcia Knadle, and yourself on September 4, 1987, it was decided that the following work would be performed at the Monsanto Chemical Company facility:

- o collection of ground water and surface water samples at and around the site;
- o collection of liquid and/or solid waste samples from lagoons and waste ponds at the site; and
- o analysis of all samples for EPA Target Compound List (TCL) inorganic elements and a subset of the total samples for TCL organic compounds.

JW:neg

Enclosures

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Monsanto Sampling Plan

Proposed Sample Location	Analytical Parameters	Sampling Rationale
TW15	metals, ions, organics	Background well
TW38	metals, ions	Background well
TW40	metals, ions, organics	Potential source - Near old clarifier pond.
TW37	metals, ions	Potential source - Near underflow solids ponds.
TW22	metals, ions	Potential source - Near Coke & Quartzite pond.
TW17	metals, ions	Potential source - Near North West pond.
TW36	metals, ions	Down gradient - Near effluent ponds.
TW39	metals, ions	Down gradient - Near effluent ponds.
SWG	metals, ions	Down gradient - Off site well
PW1	metals, ions, organics	Down gradient
PW2	metals, ions, organics	Down gradient → Domestic wells (plant facility)
PW3	metals, ions, organics	Down gradient
Norman Springs	metals, ions, organics	Down gradient - off site well
NPDES monitor station	metals, ions, organics	Down gradient - irrigation water
North West Pond	metals, ions	Characterize contaminants in pond
Old underflow ponds	(Liquid & Solid)	
Coke & Quartzite slurry pond		
Effluent settling pond		
* Seal water pond		
* Phossy water surge pond		
* Sewage evaporation lagoons		

* Require further investigation research into possible contaminants

Note: All samples taken from shallow aquifers with fresh water only.